

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1964	358/518.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:41
L2	486	348/223.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:41
L3	611	382/118.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:42
L4	474	348/584.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:42
L5	353	348/61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:42
L6	521	283/75.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:43
L7	462	283/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:43
L8	1218	283/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:43

## EAST Search History

L9	261	348/207.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:44
L10	0	(yoshihiro with yamagushi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:45
L11	732	(yoshihiro with yamaguchi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:45
L12	12	(yoshihiro with yamaguchi).in. and (identification or passport or id) and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:45
S1	24	horizontal adj sink	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 15:10
S2	6582	horizontal adj synchronization	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 15:11
S4	8943	(camera or (imag\$4 adj2 (device or unit or system)) and (correct\$4 or balanc\$4 or adjust\$4) same (tone or pigment\$6) with face) and identif\$4 with camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 09:17
S5	318	(camera or (imag\$4 adj2 (device or unit or system)) and (correct\$4 or balanc\$4 or adjust\$4) same (tone or pigment\$6) with face) and identif\$4 with camera and cloth\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:11
S6	318	(camera or (imag\$4 adj2 (device or unit or system)) same (correct\$4 or balanc\$4 or adjust\$4) same (tone or pigment\$6) with face) and identif\$4 with camera and cloth\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:12

## EAST Search History

S7	1	6-67301	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:14
S8	21	"667301"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:14
S9	18	camera same identif\$6 same (correct\$4 or balanc\$4 or adjust\$4 or enhanc\$6) same (flesh or tone or pigment\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:27
S10	5	"6396599"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:27
S11	3	"6396599" and (corect\$4 or adjust\$4 or balanc\$4 or enhanc\$6) and (identif\$6 or id)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:30
S12	1630	camera same (corect\$4 or adjust\$4 or balanc\$4 or enhanc\$6) same (identif\$6 or id)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:30
S13	141	camera same (corect\$4 or adjust\$4 or balanc\$4 or enhanc\$6) same (id)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:33
S14	1	7-154736	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/10 14:10
S15	0	"7154736"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/10 13:35
S16	29	"154736"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/10 13:36

## EAST Search History

S17	193	camera and identification with (photo or image) and (correct\$4 or adjust\$4 or enhanc\$6) with (tone or flesh or pigment\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:33
S18	398	camera and id with (photo or image) and (correct\$4 or adjust\$4 or enhanc\$6) with (tone or flesh or pigment\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 13:58
S19	192	camera with (photo or image) and (correct\$4 or adjust\$4 or enhanc\$6) with (tone or flesh or pigment\$6) same size	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 14:06
S20	503	camera with (photo or image) and (correct\$4 or adjust\$4 or enhanc\$6) with ((tone or flesh or pigment\$6) and size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:36
S21	408	camera with (photo or image) and (correct\$4 or adjust\$4 or enhanc\$6) with ((tone or flesh or pigment\$6) and size) not secreted	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 14:19
S22	28	camera with (photo or image) and (correct\$4 or adjust\$4 or enhanc\$6) with ((tone or flesh or pigment\$6) and resiz\$4) not secreted	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 14:23
S23	45	identif\$6 same (passport or license or visa or business) and camera and (correct\$4 or adjust\$4 or balanc\$4) with (flsh or tone or pigmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 14:27
S24	45	identif\$6 same (passport or license or visa or business) and camera and (correct\$4 or adjust\$4 or balanc\$4) with (flesh or tone or pigmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 14:27
S25	1704	id with camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 14:35
S26	198	id with camera and face with image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 15:57

## EAST Search History

S27	30	id with camera and face with image and (adjust\$4 or chang\$4) with (resiz\$4 or siz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:02
S28	3	identification with photo with (camera or system) and (pigmentation or tone or flesh) with (correct\$4 or adjust\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:04
S29	62	identification with (photo or image) with (camera or system) and (pigmentation or tone or flesh) with (correct\$4 or adjust\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:14
S30	14	"5488429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:16
S31	28	"5726737"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:17
S32	16	camera and identification with (photo or image) and (correct\$4 or adjust\$4 or enhanc\$6) with (tone or flesh or pigment\$6) and cloth\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:34
S33	61	camera with (photo or image) and (correct\$4 or adjust\$4 or enhanc\$6) with ((tone or flesh or pigment\$6) and size) and cloth\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 15:59
S34	350	382/118.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 19:15
S35	218	382/118.ccls. and (identification or id)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 16:59
S36	58	382/118.ccls. and (identification or id) with (card or badge or passport or visa or license)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 17:00

## EAST Search History

S37	4	"6608914"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/10 17:00
S38	408	348/584.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 19:15
S39	1	348/584.ccls. and (id or odenrification) with (card or badge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 09:51
S40	128	348/580.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 09:52
S41	273	348/581.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 10:00
S42	422	camera and id with (card or badge) with image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 10:31
S43	8	"4540259"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 10:29
S44	742	camera and (id or bank or cash or credit or phone or membership or passport or visa) adj (card or badge) with image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 10:37
S45	139	camera and (id or bank or cash or credit or phone or membership or passport or visa) adj (card or badge) with image same face	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 11:01
S46	1	"6412692".PN.	USPAT	OR	OFF	2004/05/11 11:00
S47	1	"6335688".PN.	USPAT	OR	OFF	2004/05/11 11:01
S48	1	"6325285".PN.	USPAT	OR	OFF	2004/05/11 11:01
S49	1	"6219439".PN.	USPAT	OR	OFF	2004/05/11 11:01

## EAST Search History

S50	1	"6158658".PN.	USPAT	OR	OFF	2004/05/11 11:01
S51	1	"6137895".PN.	USPAT	OR	OFF	2004/05/11 11:01
S52	1	"6119096".PN.	USPAT	OR	OFF	2004/05/11 11:01
S53	0	348/655.ccls. and (id or bank or cash or credit or phone or membership or passport or visa) adj (card or badge) with image same face	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 11:02
S54	0	348/655.ccls. and (id or bank or cash or credit or phone or membership or passport or visa) adj (card or badge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 11:02
S55	0	348/655.ccls. and (id or bank or cash or credit or phone or membership or passport or visa) with (card or badge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 11:02
S56	4	348/655.ccls. and face same (skin or flesh or pigment\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 12:38
S57	1	"5557430".PN.	USPAT	OR	OFF	2004/05/11 11:05
S58	1	"5550928".PN.	USPAT	OR	OFF	2004/05/11 11:05
S59	57	"5528339"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 11:09
S60	185	348/655.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 11:24
S61	707	camera and cloth\$4 same display	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 12:46
S62	274	348/61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 19:16

## EAST Search History

S63	50	348/585.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 13:31
S64	222	348/586.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 13:31
S65	52	348/586.ccls. and (face or skin or flesh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 13:43
S66	555	348/222.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 13:43
S67	91	348/222.1.ccls. and (face or skin or flesh)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 13:45
S68	766	382/115.ccls. or 382/118.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 14:30
S69	14218	skin with (pigmentation or color or tone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/11 14:30
S70	17135	skin with (pigmentation or color or tone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:31
S71	109	(382/115.ccls. or 382/118.ccls.) and (skin with (pigmentation or color or tone))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 14:37
S72	1	"6061153".PN.	USPAT	OR	OFF	2004/05/11 14:46
S73	1	"5900860".PN.	USPAT	OR	OFF	2004/05/11 14:46
S74	1	"5874988".PN.	USPAT	OR	OFF	2004/05/11 14:46
S75	1	"5210600".PN.	USPAT	OR	OFF	2004/05/11 14:46



## EAST Search History

S76	1	"5142642".PN.	USPAT	OR	OFF	2004/05/11 14:47
S77	1	"5128708".PN.	USPAT	OR	OFF	2004/05/11 14:47
S78	1	"6061153".PN.	USPAT	OR	OFF	2004/05/11 14:47
S79	18	photo with (id or identification or membership or cash or bank or credit or phone or visa or passport) and (skin or flesh or pigmentation) with (correct\$4 or adjust\$4 or enhanc\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 15:15
S80	180	(photo or image) with (id or identification or membership or cash or bank or credit or phone or visa or passport) and (skin or flesh or pigmentation) with (correct\$4 or adjust\$4 or enhanc\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 15:59
S81	10	(photo or image) with (id or identification or membership or cash or bank or credit or phone or visa or passport) same card and (skin or flesh or pigmentation) with (correct\$4 or adjust\$4 or enhanc\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 16:25
S82	180	(photo or image) with (id or identification or membership or cash or bank or credit or phone or visa or passport) and (skin or flesh or pigmentation) with (correct\$4 or adjust\$4 or enhanc\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 16:25
S83	386	(photo or image) with (id or identification or membership or cash or bank or credit or phone or visa or passport) and (skin or flesh or pigmentation) same (correct\$4 or adjust\$4 or enhanc\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 16:29
S84	13	"634693"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 16:38
S85	32	"0058747"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 16:40
S86	681	toshiba and id same image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 16:40

## EAST Search History

S87	30	toshiba and id same image and color with (adjust\$5 or corret\$4 or enhanc\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 16:42
S88	6	toshiba and id with (visa or card or passport) same image and color with (adjust\$5 or corret\$4 or enhanc\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 16:43
S89	8	toshiba and (id or identification) with (visa or card or passport) same image and color with (adjust\$5 or corret\$4 or enhanc\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 17:38
S90	20	(camera or imag\$4) and badge with (image or photo) and (flesh or skin or face) with (tone or color or pigmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 17:41
S91	310	(camera or imag\$4) and (badge or id) with (image or photo) and (flesh or skin or face) with (tone or color or pigmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 17:42
S92	21764	(id or identification) adj3 card	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 09:17
S93	2748	((id or identification) adj3 card) and (camera or (imaging with (device or system)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 09:18
S94	1270	((((id or identification) adj3 card) and (camera or (imaging with (device or system)))) and (face)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 09:19
S95	13	((((id or identification) adj3 card) and (camera or (imaging with (device or system)))) and (face) same (color or tone or pigmantation) same (flesh or skin)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 10:06
S96	13	"5296945"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 10:06

## EAST Search History

S97	1000	(camera or imaging adj (device or system)) with ((resiz\$4 or siz\$4) and background)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/12 14:40
S98	19	(camera or imaging adj (device or system)) with ((resiz\$4 or siz\$4) and background) and (id or identification) with (card)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 14:44
S99	20	(camera or imaging adj (device or system)) with ((resiz\$4 or siz\$4) and background) and (id or identification) with (card or badge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 14:57
S10 0	5	"6396599"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/12 14:55
S10 1	2485	(camera or imaging adj (device or system)) and ((resiz\$4 or siz\$4) and background) and (id or identification) with (card or badge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 15:01
S10 2	1	"5410642".PN.	USPAT	OR	OFF	2004/05/12 15:43
S10 3	1	"5321751".PN.	USPAT	OR	OFF	2004/05/12 15:44
S10 4	1	"5259025".PN.	USPAT	OR	OFF	2004/05/12 15:44
S10 5	1	"5193855".PN.	USPAT	OR	OFF	2004/05/12 15:44
S10 6	1	"5193855".PN.	USPAT	OR	OFF	2004/05/12 15:44
S10 7	1	"5151684".PN.	USPAT	OR	OFF	2004/05/12 15:44
S10 8	1	"5109281".PN.	USPAT	OR	OFF	2004/05/12 15:44
S10 9	5113	(camera or imaging adj (device or system)) and (chang\$4 or adjust\$4) with background	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 16:16

## EAST Search History

S11 0	55	(camera or imaging adj (device or system)) and (chang\$4 or adjust\$4) with background and (resiz\$4 with (photo or picture\$1 or image\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 16:18
S11 1	63	(id or identification) adj3 (card or badge) and (camera or (imaging adj (device or system))) and (chang\$4 or adjust\$4 or control\$5 or resizing\$4 or automatic\$6) with (size\$4 and background)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/12 16:24
S11 2	30	(id or identification) adj3 (card or badge) and (camera or (imaging adj (device or system))) and (chang\$4 or adjust\$4 or control\$5 or resizing\$4 or automatic\$6) with (size\$4 and background) and @ad<"19991224"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 09:44
S11 3	14	"118820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/12 18:27
S11 4	2	"11008820"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 09:39
S11 5	1325	358/518.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:41
S11 6	396	358/518.ccls. and (face or head or body or flesh or skin) same (tone or pigmentation or color)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 10:07
S11 7	337	348/223.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:41
S11 8	68	348/223.1.ccls. and (skin or face or head or flesh) same (color or tone or pigmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 11:42

## EAST Search History

S119	78	MINOLTA AND compress\$4 same (\$2focus\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 11:47
S120	61789	image and compress\$4.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 11:47
S121	7083	camera and image and compress\$4.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 11:47
S122	288	camera and image and compress\$4.ab. and (imag\$3 or camera).ab. and (focus\$4 or exposure).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 11:49
S123	200	camera and image and compress\$4.ab. and (imag\$3 or camera).ab. and (focus\$4 or exposure).ab. and @ay<"2000"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 13:39
S124	2	camera and image and compress\$4.ab. and (imag\$3 or camera).ab. and (focus\$4 or exposure).ab. and @ay<"2000" and "5502485"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 13:40
S125	2	camera and image and compress\$4.ab. and (imag\$3 or camera).ab. and (focus\$4 or exposure).ab. and @ay<"2000" and "5502485" and compress\$4 and focus\$4 and control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 13:53
S126	6	"5502485" and compress\$4 and focus\$4 and control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 13:55
S127	3	3-205963	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 13:56

## EAST Search History

S12 8	13	"3205963"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 13:56
S12 9	24	"205963"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/13 15:07
S14 5	2581	(camera or imager or imaging) with (face or head) with (extract\$4 or recogni\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:19
S14 6	514	(id or (identification near2 (card or badge))) and camera and image with (face or skin) with (recogni\$6 or extract\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:20
S14 7	535	(id or (identification near2 (card or badge))) and camera and (image or photo or photograph) with (face or skin) with (recogni\$6 or extract\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:21
S14 8	119	(id or (identification near2 (card or badge))) and camera and (image or photo or photograph) with (face or skin) with (recogni\$6 or extract\$4) and @ad<"19991224"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 14:19
S15 1	1	09/741048	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 15:40
S15 2	10	"6172706"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 15:41
S15 3	21	"5835641"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 15:41
S15 4	68	(id identification license) with camera and face with image and (determin\$4 or detect\$4) near5 background	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:54

## EAST Search History

S15 5	7	("4937676"   "4949279"   "5187512"   "5345313"   "5396594"   "5758216"   "5790193").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/06 16:29
S15 6	379	283/75.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/06 16:30
S15 7	262	283/77.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/06 16:33
S15 8	1	S157 and remov\$4 near5 background	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/06 16:33
S15 9	1	S157 and remov\$4 near5 background	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 16:33
S16 0	0	S157 and (determin\$4 or detect\$4 or sens\$4) near5 background	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 16:34
S16 1	2	S156 and (determin\$4 or detect\$4 or sens\$4) near5 background	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/06 16:34
S16 2	16	("5635012").URPN.	USPAT	OR	OFF	2006/02/06 16:42
S16 3	8681	(license or id or identification or (member adj2 card)) same (camera or imager or (imag\$4 near2 (system or apparatus)))	USPAT	OR	ON	2006/02/06 16:45
S16 4	25546	(detect\$3 or recogniz\$3 or determin\$3 or sens\$3 or remov\$4) near6 background	USPAT	OR	ON	2006/02/06 16:54
S16 5	733	S163 and S164	USPAT	OR	ON	2006/02/06 16:54
S16 6	83964	(obtain\$3 or determin\$3 or detect\$3 or recogniz\$3) near6 (facial or face or person or skin or flesh or pigmentation)	USPAT	OR	ON	2006/02/06 17:00
S16 7	209	S165 and S166	USPAT	OR	ON	2006/02/06 17:00
S16 8	157	S167 and (@ad<"19991224" or @rlad<"19991224")	USPAT	OR	ON	2006/02/08 10:58
S16 9	8701	(license or id or identification or (member adj2 card)) same (camera or imager or (imag\$4 near2 (system or apparatus)))	USPAT	OR	ON	2006/02/07 09:54
S17 0	25584	(detect\$3 or recogniz\$3 or determin\$3 or sens\$3 or remov\$4) near6 background	USPAT	OR	ON	2006/02/07 09:54

## EAST Search History

S17 1	733	S169 and S170	USPAT	OR	ON	2006/02/07 09:54
S17 2	84094	(obtain\$3 or determin\$3 or detect\$3 or recogniz\$3) near6 (facial or face or person or skin or flesh or pigmentation)	USPAT	OR	ON	2006/02/07 09:54
S17 3	209	S171 and S172	USPAT	OR	ON	2006/02/07 09:54
S17 4	157	S173 and (@ad<"19991224" or @rlad<"19991224")	USPAT	OR	ON	2006/02/07 15:40
S17 5	0	S174 and background near7 corner	USPAT	OR	ON	2006/02/07 09:55
S17 6	4	S174 and background with corner	USPAT	OR	ON	2006/02/07 09:55
S17 7	33	(US-20010004810-\$ or US-20010043727-\$ or US-20020080251-\$ or US-20030059124-\$ or US-20030063187-\$ or US-20030086594-\$ or US-20030179911-\$ or US-20030206645-\$ or US-20040008872-\$ or US-20040017475-\$).did. or (US-4972476-\$ or US-5488429-\$ or US-5502485-\$ or US-5680528-\$ or US-5913542-\$ or US-5923380-\$ or US-5937081-\$ or US-6035074-\$ or US-6128398-\$ or US-6173068-\$ or US-6286761-\$ or US-6343141-\$ or US-6459500-\$ or US-6603878-\$ or US-6678407-\$ or US-6690843-\$ or US-6695203-\$ or US-6661907-\$ or US-5345313-\$ or US-5715325-\$ or US-5412738-\$ or US-6636332-\$ or US-6636635-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/02/07 09:57
S17 8	2	S177 and corner	US-PGPUB; USPAT	OR	OFF	2006/02/07 10:39
S17 9	320	283/75.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/07 12:28
S18 0	620	382/115.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/07 12:29
S18 1	81	382/115.ccls. and (sens\$4 or measur\$4 or detect\$4 or determin\$4) with background	US-PGPUB; USPAT	OR	ON	2006/02/07 12:51
S18 3	91	S174 and (siz\$3 or reziz\$4 or enlarg\$3) near7 (image or face or facial or person)	USPAT	OR	ON	2006/02/07 14:13



## EAST Search History

S18 4	21	S174 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) near7 (image or face or facial or person)	USPAT	OR	ON	2006/02/08 10:53
S18 5	0	09/7411048	USPAT	OR	ON	2006/02/07 15:18
S18 6	0	09/741048	USPAT	OR	ON	2006/02/07 15:18
S18 7	1	09/741048	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 15:18
S18 8	5	S174 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) near7 (face or facial or person)	USPAT	OR	ON	2006/02/07 15:41
S18 9	0	"303250"	JPO	OR	ON	2006/02/07 15:42
S19 0	0	"7303250"	JPO	OR	ON	2006/02/07 15:42
S19 1	0	"7-303250"	JPO	OR	ON	2006/02/07 15:42
S19 2	0	"07-303250"	JPO	OR	ON	2006/02/07 15:42
S19 3	0	"07-303250"	JPO; DERWENT	OR	ON	2006/02/07 15:42
S19 4	2	"07303250"	JPO; DERWENT	OR	ON	2006/02/07 16:22
S19 5	5	("4758883" "5706457" "6535243" "6686965" "6784925").PN.	JPO; DERWENT	OR	ON	2006/02/07 16:25
S19 6	440	adobe.as.	JPO; DERWENT	OR	ON	2006/02/07 16:25
S19 7	942	adobe.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:25
S19 8	374	adobe.as. and @ay<"1998"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:26

## EAST Search History

S19 9	104	adobe.as. and @ay<"1998" and image with process\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:41
S20 0	9435	(computer or pc or laptop or notebook) with interface same process\$4 with image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:41
S20 1	2625	S200 and @ay<"1998"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:45
S20 2	58	S201 and adobe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:45
S20 3	7	("5247681"   "5375241"   "5379432"   "5404528"   "5410698"   "5432925"   "5437036").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/07 16:51
S20 4	80	(id identification license badge) with camera and face with image and (determin\$4 or detect\$4 or recogni\$4) near5 background	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 10:57
S20 5	6	S204 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) near7 (image or face or facial or person)	USPAT	OR	ON	2006/02/08 10:57
S20 6	1426	(id identification license badge) with camera and (determin\$4 or detect\$4 or recogni\$4) near5 (background or face or person or facial)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:07
S20 7	82	S206 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) near7 (image or face or facial or person)	USPAT	OR	ON	2006/02/08 10:57
S20 8	60	S207 and (@ad<"19991224" or @rlad<"19991224")	USPAT	OR	ON	2006/02/08 11:20

## EAST Search History

S209	512	(mak\$3 or creat\$4 or produc\$4) with ((id adj card) or license or badge) and (facial or background or face or person) near8 (recogni\$4 or determin\$4 or detect\$4 or extract\$4 or crop\$4)	USPAT	OR	ON	2006/02/08 11:06
S210	26	S209 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) near7 (image or face or facial or person)	USPAT	OR	ON	2006/02/08 11:06
S211	3398	(mak\$3 or creat\$4 or produc\$4) with ((id adj card) or license or badge)	USPAT	OR	ON	2006/02/08 11:06
S212	78	S211 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) near7 (image or face or facial or person)	USPAT	OR	ON	2006/02/08 11:07
S213	1477	(id identification license badge).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:07
S214	440	((id adj2 card) or identification license badge).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:19
S215	1	S214 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) near7 (image or face or facial or person)	USPAT	OR	ON	2006/02/08 11:09
S216	50	("4687526").URPN.	USPAT	OR	OFF	2006/02/08 11:08
S217	10	S216 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) near7 (image or face or facial or person)	USPAT	OR	ON	2006/02/08 11:15
S218	5	S216 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) with (face or facial or person)	USPAT	OR	ON	2006/02/08 11:15
S219	12	S216 and (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) with (image or face or facial or person)	USPAT	OR	ON	2006/02/08 11:15
S220	4	("6298197").URPN.	USPAT	OR	OFF	2006/02/08 11:16

## EAST Search History

S22 1	83	((id adj2 card) or identification license badge) same (((adjust\$3 or chang\$4 or modif\$4 or alter\$3) near4 size) or resiz\$4 or enlarg\$3) with (face or facial or person)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/08 11:20
S22 2	39	S221 and (@ad<"19991224" or @rlad<"19991224")	USPAT	OR	ON	2006/02/08 11:21
S22 3	18	S221 and (@ad<"19991224" or @rlad<"19991224") and image	USPAT	OR	ON	2006/02/09 09:58
S22 4	77	348/207.2.ccls.	USPAT	OR	ON	2006/02/09 10:13
S22 5	47	S224 and (correct\$4 or normal\$4 or complet\$4 or defectiv\$4 or error or erroneous) near3 print\$4	USPAT	OR	ON	2006/02/09 10:59
S22 6	2	"20020039141"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 10:26
S22 7	2	"6522354".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 10:27
S22 8	291	camera and display with (correct\$4 or normal\$4 or complet\$4 or defectiv\$4 or error or erroneous) near3 print\$4	USPAT	OR	ON	2006/02/09 11:04
S22 9	227	camera and display near6 (correct\$4 or normal\$4 or complet\$4 or defectiv\$4 or error or erroneous) near3 print\$4	USPAT	OR	ON	2006/02/09 11:03
S23 0	0	09/951297	USPAT	OR	ON	2006/02/09 11:04
S23 1	1	09/951297	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:05
S23 2	656	camera and display with (correct\$4 or normal\$4 or complet\$4 or defectiv\$4 or error or erroneous) near3 print\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:04

## EAST Search History

S23 3	1974	camera and display\$4 near4 printed near4 image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:07
S23 4	1108	camera and display\$4 near4 printed near4 image and (@rlad<"20000911" or @ad<"20000911")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 11:17
S23 5	34	("20030151668" "3707116" "37091 22" "3727529" "4000500" "4074324 " "4212524" "4249811" "6522354" "6563542" "6628333" "6686964" "6724502").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 15:05
S23 6	296	(motion and still) with mode and (display or (electronic adj2 viewfinder)) and display\$4 near4 (scene or image or object or target) and @ay<"1998"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 15:14
S23 7	236	(motion and still) with mode and (display or (electronic adj2 viewfinder)) and display\$4 near4 (scene or image or object or target) and @ay<"1998" and memory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 15:14
S23 8	169	(motion and still) with mode and (display or (electronic adj2 viewfinder)) and display\$4 near4 (scene or image or object or target) and @ay<"1998" and memory same images	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 15:15
S23 9	167	(motion and still) with mode and (display or (electronic adj2 viewfinder)) and display\$4 near4 (scene or image or object or target) and @ay<"1998" and memory same images not minolta	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/09 15:25
S24 0	9	camera and pen with (antenna or wireless or rf or bluetooth or transceiver or transmitter) near5 (cap or cover)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 10:35

## EAST Search History

S24 1	27	("3376551"   "3915015"   "4124838"   "4131880"   "4751741"   "4806707"   "4883926"   "4891474"   "5121441"   "5215397"   "5227622"   "5247137"   "5301222"   "5371516"   "5434371"   "5453762"   "5517579"   "5548092"   "5587558"   "5652412"   "5818424"   "5902968"   "6191778"   "6326956"   "6344848"   "6348914").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 11:09
S24 2	446	camera with pen and (video or motion) near3 image	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/10 11:10
S24 3	301	camera with pen and (video or motion) near3 image and (rf or wireless or antenna or bluetooth or transceiver or transmitter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/10 11:14
S24 4	239	S243 and (@ay<"2002" or @rlad<"20020112")	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/10 11:15
S24 5	163	S243 and (@ay<"2002" or @rlad<"20020112") not tsikos	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/10 11:15

## EAST Search History

S24 6	46	(US-20040008872-\$ or US-20010005222-\$ or US-20040080654-\$ or US-20040201730-\$ or US-20030059124-\$ or US-20020080251-\$ or US-20030206645-\$ or US-20040017475-\$ or US-20010004810-\$ or US-20030086594-\$ or US-20010043727-\$ or US-20030179911-\$ or US-20030063187-\$).did. or (US-5502485-\$ or US-6636332-\$ or US-5488429-\$ or US-5412738-\$ or US-5345313-\$ or US-5914748-\$ or US-5687306-\$ or US-5913542-\$ or US-5505494-\$ or US-6343141-\$ or US-6280323-\$ or US-6173068-\$ or US-6690811-\$ or US-4951140-\$ or US-6292575-\$ or US-5680528-\$ or US-6690843-\$ or US-4972476-\$ or US-6128398-\$ or US-5715325-\$ or US-6678407-\$ or US-6661907-\$ or US-6035074-\$ or US-6445810-\$ or US-5787414-\$ or US-6695203-\$). did. or (US-6286761-\$ or US-6603878-\$ or US-5937081-\$ or US-6724502-\$ or US-5923380-\$ or US-6459500-\$ or US-6636635-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/02/28 09:23
S24 7	46	S246 and background	US-PGPUB; USPAT	OR	OFF	2006/02/28 09:24
S24 8	28	S246 and background same (determin\$4 or detect\$4 or sens\$4 or calculat\$4)	US-PGPUB; USPAT	OR	OFF	2006/02/28 09:24
S24 9	28	S246 and background same (determin\$4 or detect\$4 or sens\$4 or calculat\$4 or remov\$4)	US-PGPUB; USPAT	OR	OFF	2006/02/28 09:24
S25 0	28	S246 and background same (determin\$4 or detect\$4 or sens\$4 or calculat\$4 or remov\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 13:24
S25 2	0	"249214"	EPO	OR	ON	2006/02/28 14:14
S25 3	0	"0249214"	EPO	OR	ON	2006/02/28 14:14
S25 4	0	"00249214"	EPO	OR	ON	2006/02/28 14:14

## EAST Search History

S25 5	132	kuehnle.in.	EPO	OR	ON	2006/02/28 14:15
S25 6	0	kuehnle.in. and waldesruh.in.	EPO	OR	ON	2006/02/28 14:15
S25 7	30	kuehnle.in. and manfred.in.	EPO	OR	ON	2006/02/28 14:17
S25 8	7	electrophotographic with image with recording with system	EPO	OR	ON	2006/02/28 14:18
S25 9	552	electrophotographic with image with recording with system	EPO; DERWENT	OR	ON	2006/02/28 14:18
S26 0	0	(electrophotographic with image with recording with system).ttl.	EPO; DERWENT	OR	ON	2006/02/28 14:19
S26 1	1753	(electrophotographic).ttl.	EPO; DERWENT	OR	ON	2006/02/28 14:19
S26 2	328	(electrophotographic and image).ttl.	EPO; DERWENT	OR	ON	2006/02/28 14:19
S26 3	11	(electrophotographic and image and system).ttl.	EPO; DERWENT	OR	ON	2006/02/28 14:20
S26 4	9	"249214"	EPO; DERWENT	OR	ON	2006/02/28 14:21
S26 5	0	"00243119"	EPO; DERWENT	OR	ON	2006/02/28 14:21
S26 6	9	"243119"	EPO; DERWENT	OR	ON	2006/02/28 14:21
S26 7	176	(kuehnle with manfred).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 14:30
S26 8	1	"87108389"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 14:29
S26 9	28	(kuehnle with manfred).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 15:39



## EAST Search History

S27 0	2	"5260826".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 15:47
S27 1	13	pixel adj filter adj array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 15:50
S27 2	1445	filter adj array and image near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 15:50
S27 3	622	filter adj array with image near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 15:50
S27 4	165	pixel with filter adj array with image near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 15:51
S27 5	32	pixel near3 filter adj array with image near2 sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 11:21
S27 6	1	"5913542".pn. and back\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/01 15:52
S27 7	32	("1653575" "5115266" "5452135" "5745286" "6028719" "6130783" "6157018" "6333826" "6341044" "6375366" "6426774" "6611282" "6704148" "6738569" "6865029").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 11:20

## EAST Search History

S27 8	1	"20060014125".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 14:55
S27 9	44	image and determin\$4 with background same average with (green or blue or red)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 15:03
S28 0	16	S279 and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 15:04
S28 1	46	(US-20040008872-\$ or US-20010005222-\$ or US-20040080654-\$ or US-20040201730-\$ or US-20030059124-\$ or US-20020080251-\$ or US-20030206645-\$ or US-20040017475-\$ or US-20010004810-\$ or US-20030086594-\$ or US-20010043727-\$ or US-20030179911-\$ or US-20030063187-\$).did. or (US-5502485-\$ or US-6636332-\$ or US-5488429-\$ or US-5412738-\$ or US-5345313-\$ or US-5914748-\$ or US-5687306-\$ or US-5913542-\$ or US-5505494-\$ or US-6343141-\$ or US-6280323-\$ or US-6173068-\$ or US-6690811-\$ or US-4951140-\$ or US-6292575-\$ or US-5680528-\$ or US-6690843-\$ or US-4972476-\$ or US-6128398-\$ or US-5715325-\$ or US-6678407-\$ or US-6661907-\$ or US-6035074-\$ or US-6445810-\$ or US-5787414-\$ or US-6695203-\$). did. or (US-6286761-\$ or US-6603878-\$ or US-5937081-\$ or US-6724502-\$ or US-5923380-\$ or US-6459500-\$ or US-6636635-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/03/02 14:59
S28 2	0	S281 and average same (red or green or blue)	US-PGPUB; USPAT	OR	OFF	2006/03/02 15:00

## EAST Search History

S28 3	0	S281 and average same (red or green or blue)	US-PGPUB; USPAT	OR	ON	2006/03/02 15:00
S28 4	0	S281 and average same (red or green or blue)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 15:00
S28 5	26	S281 and average	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 15:00
S28 6	52	image and (determin\$4 or detect\$4) with background same average with (green or blue or red or r or g or b) same pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 15:15
S28 7	32	S286 and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 15:16
S28 8	219	image and (determin\$4 or detect\$4) with background same area near4 size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:01
S28 9	118	S288 and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 15:16
S29 0	6	S289 and (face or facial or person of head) near4 area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 15:16
S29 1	6	("4244655"   "5130745"   "5194892"   "5278921"   "5309228"   "5557688").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 15:22
S29 2	6	("4244655"   "5130745"   "5194892"   "5278921"   "5309228"   "5557688").PN. and area	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/02 15:22

## EAST Search History

S29 3	6	("4244655"   "5130745"   "5194892"   "5278921"   "5309228"   "5557688").PN. and area	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 15:22
S29 4	87	image and (determin\$4 or detect\$4) with background with area near\$4 size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:23
S29 5	1	"20060014125"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:07
S29 6	28	"4837630"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:07
S29 7	2	"4837630".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 11:01
S29 8	88	camera and advantage\$1 with lens with use	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 11:01
S29 9	0	(detect\$4) near\$4 (face or facial or head) with (oval or circle or allipse) with center with (photograph or screen or image or lcd or monitor)	EPO; DERWENT	OR	ON	2006/03/04 14:33
S30 0	0	(detect\$4 recognition or recogn\$4 or determin\$4) with (face or facial or head) with (oval or circle or allipse) with center with (photograph or screen or image or lcd or monitor)	EPO; DERWENT	OR	ON	2006/03/04 14:34
S30 1	1	(detect\$4 recognition or recogn\$4 or determin\$4) with (face or facial or head) same (oval or circle or ellipse) with center with (photograph or screen or image or lcd or monitor)	EPO; DERWENT	OR	ON	2006/03/04 14:34

## EAST Search History

S30 2	25	(detect\$4 recognition or recogn\$4 or determin\$4) with (face or facial or head) with (oval or circle or ellipse) with center with (photograph or screen or image or lcd or monitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 14:35
S30 3	16	(detect\$4 recognition or recogn\$4 or determin\$4) with (face or facial) same (oval or circle or ellipse) with center with (photograph or screen or image or lcd or monitor) and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 14:45
S30 4	32	(detect\$4 recognition or recogn\$4 or determin\$4) with (face or facial) and (oval or circle or ellipse) near5 center near4 (photograph or screen or image or lcd or monitor) and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 14:49
S30 5	8	("4937611").URPN.	USPAT	OR	OFF	2006/03/04 14:48
S30 6	65	(detect\$4 or recognition or recogn\$4 or determin\$4) with (face or facial) and (oval or circle or ellipse) near5 center near4 (photograph or screen or image or lcd or monitor or area) and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 14:51
S30 7	65	S306 not S305	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 14:50
S30 8	33	S306 not S304	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 14:50
S30 9	72	(detect\$4 or recognition or recogn\$4 or determin\$4 or identif\$5 or identification) with (face or facial) and (oval or circle or ellipse) near5 center near4 (photograph or screen or image or lcd or monitor or area) and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 15:09

## EAST Search History

S31 0	1093	(detect\$4 or recognition or recogn\$4 or determin\$4 or identif\$5 or identification) with (face or facial) and (oval or circle or ellipse) near5 (photograph or screen or image or lcd or monitor or area) and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 15:17
S31 1	22	(detect\$4) with (face or facial) with (oval or circle or ellipse) near5 (photograph or screen or image or lcd or monitor or area) and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 19:18
S31 2	2	"6035074".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:15
S31 3	1	"6035074".pn. and color with chang\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:18
S31 4	2	"5296945".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:18
S31 5	2	"5296945".pn. and skin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 17:31
S31 6	542	382/118.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:42
S31 7	459	348/584.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:42

## EAST Search History

S318	336	348/61.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:42
S319	458	348/223.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 19:17
S320	516	283/75.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:42
S321	457	283/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 19:18
S322	1198	283/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/04 19:18
S323	13952	camera and (passport or identification or id)	EPO; DERWENT	OR	ON	2006/07/26 11:34
S324	3	camera and (passport or identification or id) and "348"/\$.ccls.	EPO; DERWENT	OR	ON	2006/07/26 11:34
S325	6733	camera and (passport or identification or id) and "348"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:35
S326	2734	S325 and @ad<"19991224"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:47

## EAST Search History

S32 7	937	S326 and camera same (passport or id or identification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:42
S32 8	13	("20010010549"   "5715234"   "5781665"   "5847836"   "5867738"   "5907315"   "5917548"   "5923380"   "5946031"   "6191815"   "6445417"   "6476863"   "6507361").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/26 11:46
S33 1	304	camera with ((id adj card) or (passport near2 (photo or picture or photograph or image)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:49
S33 2	132	S331 and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:50
S33 3	780	camera and (((id adj card) near2 (photo or picture or photograph or image)) or (passport near2 (photo or picture or photograph or image)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 11:50
S33 4	409	S333 and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:18
S33 5	546	camera with display with image near4 quality	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:18
S33 6	189	camera with display with image near4 quality and @ay<"2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:19



## EAST Search History

S33 7	106	camera with display near6 image near4 quality and @ay<"2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:20
S33 8	933	camera with display\$4 near4 (quality or conrdition or size or wb) and @ay<"2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:23
S33 9	13	camera with display\$4 near4 (quality or conrdition or size or wb) with (good bad poor) and @ay<"2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 15:34
S34 0	2	perfect near2 checker near4 pattern with filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 16:32
S34 1	2	checker near4 perfect near6 filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 16:33
S34 2	0	checker near4 perfect near6 bayer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 16:33
S34 3	7	checker near4 pattern near6 bayer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:36
S34 4	27	camera and (chang\$4 or modif\$4) with background and size near5 (chang\$4 or modif\$4) and crop\$4 near4 image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:39

## EAST Search History

S34 5	7	S344 and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:47
S34 6	27	camera and (chang\$4 or modif\$4) with (background or backdrop) and size near5 (chang\$4 or modif\$4) and crop\$4 near4 image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:40
S34 7	46	camera and (chang\$4 or modif\$4) with (background or backdrop) and (resiz\$4 or (size near5 (chang\$4 or modif\$4))) and crop\$4 near4 image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/26 17:40
S34 8	13	S347 and (@ad<"19991224" or @rlad<"19991224")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:00
S34 9	261	348/207.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:44
S35 0	39	S349 and @ad<"19991224"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:23
S35 1	5	"10300978"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:15
S35 2	0	"99292642"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:15

## EAST Search History

S35 3	0	"099292642"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:15
S35 4	2	"09292642"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:17
S35 5	0	"98300978"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:17
S35 6	23	"300978"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:17
S35 7	13	("20010010549"   "5715234"   "5781665"   "5847836"   "5867738"   "5907315"   "5917548"   "5923380"   "5946031"   "6191815"   "6445417"   "6476863"   "6507361").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 10:23
S35 8	8719	camera with printer	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 10:23
S35 9	2633	S358 and @ad<"19991224"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:23
S36 0	46	(nelson with hernandez).xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 10:24

## EAST Search History

S36 1	20	("20020015592"   "20040032501"   "3971065"   "4937676"   "5028997"   "5493409"   "5539194"   "5661506"   "5715493"   "5734414"   "5748326"   "5894326"   "6014457"   "6081422"   "6124892"   "6268882"   "6356308"   "6445417"   "6556245"   "6573939").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 10:25
S36 2	20	("20020015592"   "20040032501"   "3971065"   "4937676"   "5028997"   "5493409"   "5539194"   "5661506"   "5715493"   "5734414"   "5748326"   "5894326"   "6014457"   "6081422"   "6124892"   "6268882"   "6356308"   "6445417"   "6556245"   "6573939").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/27 10:26